

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

PATENT

In re Application of:

CARLIN et al.

Attention:

PCT BOX MISSING PARTS

Serial No.: 09/700,712

Filed: November 27, 2000

For: METHOD OF PRODUCING THY A-STRAINS OF VIBRIO CHOLERAE, SUCH  
STRAINS AND THEIR USE

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to Rule 37 C.F.R. §§ 1.51(b), 1.56, 1.97 and 1.98, this Information Disclosure Statement is being submitted with the references in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449.

This Information Disclosure Statement along with references is submitted prior to the mailing date of the first Official Action on the merits received by Applicants in the above-identified application.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Respectfully submitted,  
BACON & THOMAS, PLLC

By: Richard E. Fichter  
Richard E. Fichter  
Registration No. 26,382

625 Slaters Lane, 4<sup>th</sup> Fl.  
Alexandria, Virginia 22314  
Phone: (703) 683-0500  
Facsimile: (703) 683-1080  
REF:kdd  
IDS.wpd

November 12, 2001

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B/O Form PTO-1449  U.S. Department of Commerce Patent and Trademark Office  Information Disclosure Statement by Applicant	Atty. Docket Number <b>REF/CARLIN/509</b>	Serial Number <b>09/700712</b>
	Applicant <b>CARLIN et al.</b>	
	Filing Date <b>November 22, 2000</b>	Group

## U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
	5,470,729	11/28/95	Kaper James B. et al.			
	5,198,343	3/30/93	Eric Degryse			

## Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
	EP 0 251 579 A	1/7/88	ENTEROVAX RES PTY LTD				
	EP 0 406 003 A	1/2/91	UNIV CORK				
	WO 99 35271 A	7/15/99	WIPO				
	WO 94 19482 A	9/1/94	WIPO				
	GB 2177097 A	1/14/87	Genencor Inc.				

## Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	DATABASE EMPRO2 (Online), E.M.B.L. Databases Accession Number: Y17135, 1 May 1998, VALLE E. et al., "Vibrio cholerae thyA gene", XP002118053
	ATTRIDGE SR: "Thymine auxotrophy as an attenuating marker in Vibrio cholerae", MICROB PATHOG, July 1995, XP002118052
	DATABASE EMPRO2 (Online) E.M.B.L. Databases Accession Number: AJ006514, 5 June 1998, CARLIN N, "Vibrio cholerae lgt and thyA genes", XP002118055
	DATABASE EMPRO2 (Online) E.M.B.L. Databases Accession Number: AJ010968, 21 September 1998, CARLIN N. et al., "Vibrio cholerae nptA gene", XP002118054

Examiner	Date Considered
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EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.